



深圳华讯视通科技有限公司  
Shenzhen Huaxunshitong Technology Co.,Ltd.

## M01- BT天线测试报告

2024-12-14





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Shenzhen Huaxunshitong Technology Co.,Ltd.

## 测试项目与设备

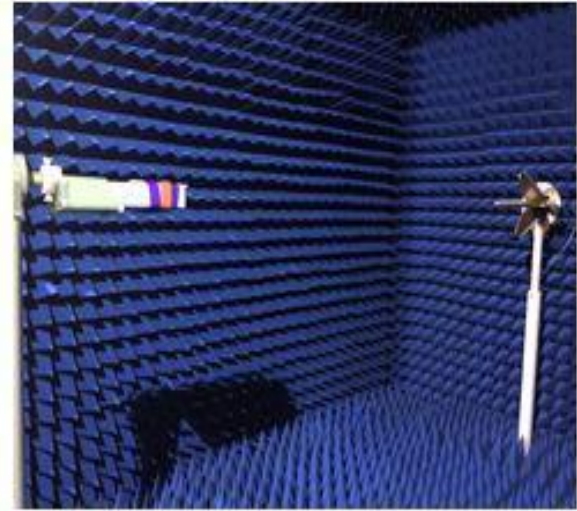
	测试项目	设备
1. S参数 (S-parameter)	1. 回波损耗 (Return Loss) 2. 电压驻波比 (VSWR)	网络分析仪: Agilent E5071B  HP 8753D
2. 有源测试 (Active )	1. 发射功率 (TRP) 2. 接收灵敏度 (TIS)	1. 暗室: ETS 7x4x3 m (3D) Chamber  ETS 5x3x3 m (3D) Chamber 2.综合测试仪: Agilent 8960 E5515B ×2 StarPoint SP6011
3.无源测试 (Passive)	1.天线增益 (Gain) 2.天线效率 (Efficiency)	1. 暗室: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber  2. 网络分析仪: Agilent E5071B HP 8753D





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The diagram shows a circuit starting with an antenna labeled 'ANT' represented by a triangle. This is connected to a series resistor labeled '0Ω'. Following this resistor is a shunt component labeled 'NF' connected to ground. This is followed by another series resistor labeled '0Ω', then a second shunt component labeled 'NF' connected to ground. The circuit ends with a rectangular block labeled 'PA' (Power Amplifier).

我司未对匹配电路做任何修

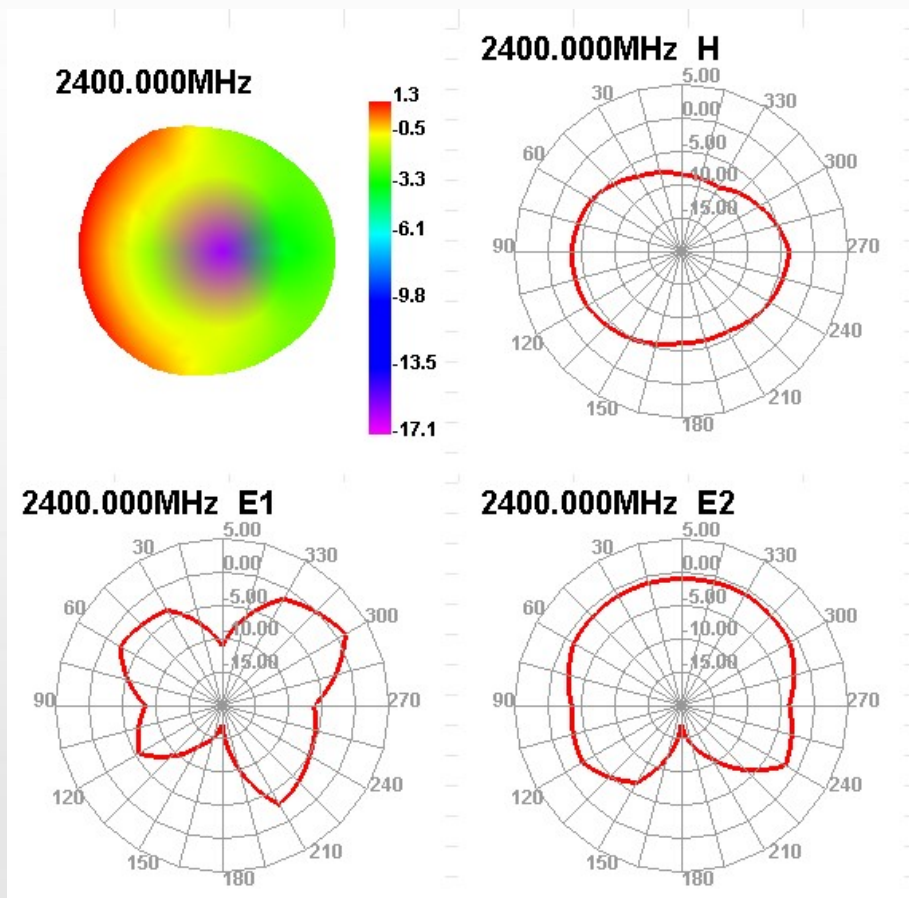


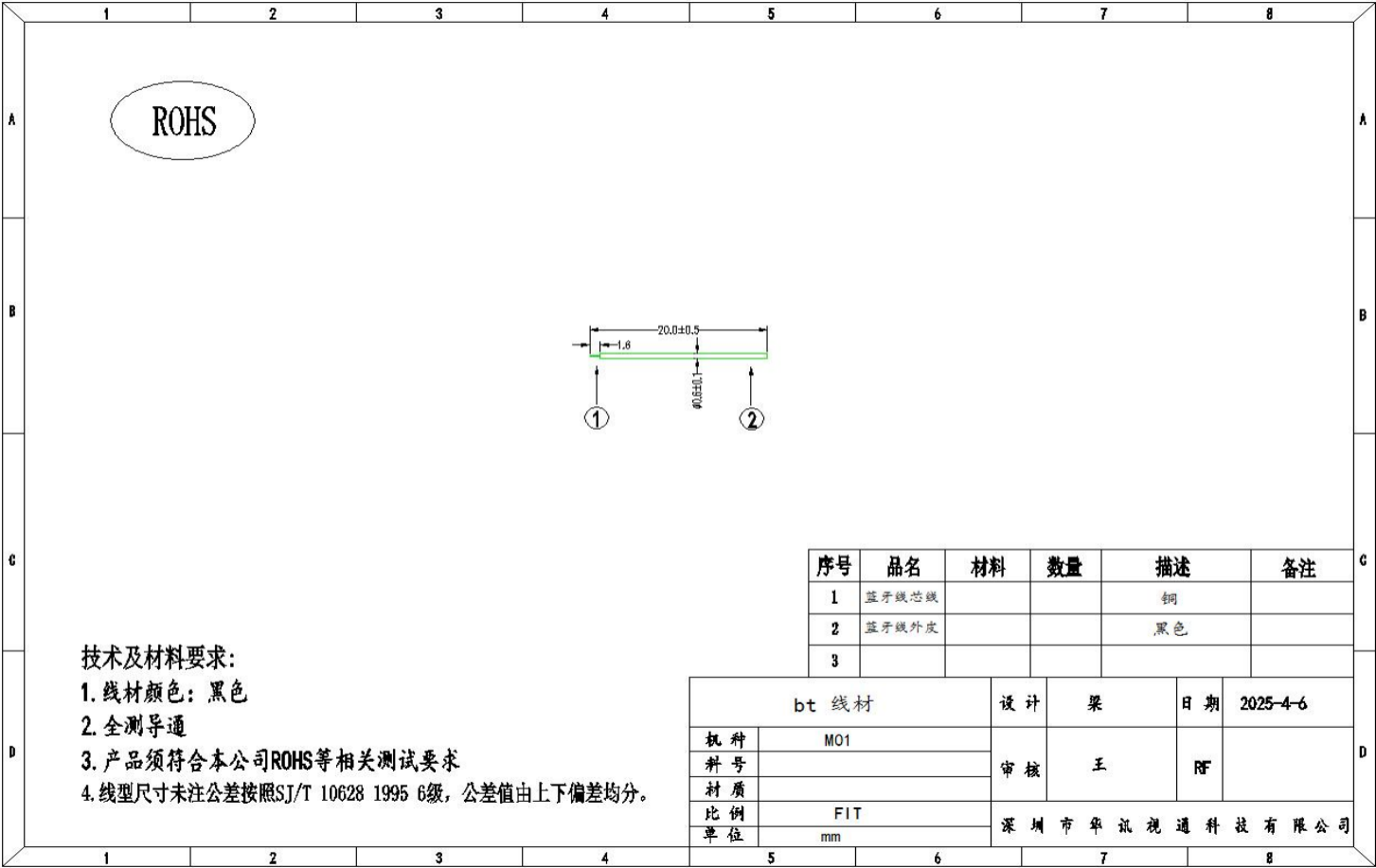
# 效率与增益

Passive Test For WIFI			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	49.22	-3.08	1.3
2410	49.19	-3.08	1.23
2420	48.97	-3.1	1.12
2430	48	-3.19	1
2440	49.81	-3.03	1.21
2450	51.97	-2.84	1.44
2460	51.39	-2.89	1.4
2470	51.84	-2.85	1.43
2480	52.99	-2.76	1.48
2490	53.53	-2.71	1.45
2500	50.61	-2.96	1.1



# 效率与增益







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Thanks !

